

10/694,520 LLM  
9/22/2006

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	63	(carrier adj oligonucleotide) and transfection	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:06
L2	35	L1 and @ad<="20021030"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:05
L4	6	L2 and (gene adj targeting)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:04
L5	4	(carrier adj oligonucleotide) same transfection	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:05
L6	20	(carrier adj oligonucleotide) and (salmon adj sperm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:05
L7	0	(carrier adj oligonucleotide) same (salmon adj sperm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:05
L8	12	L6 and @ad<="20021030"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:06
L9	24	(carrier adj oligonucleotide) and (homologous adj recombination)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:06
L10	18	L9 and @ad<="20021030"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:07

## EAST Search History

L11	1020	(carrier adj (oligonucleotide or DNA)) and (homologous adj recombination)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:06
L12	13	(carrier adj (oligonucleotide or DNA)) same (homologous adj recombination)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:07
L13	13	L12 and @ad<="20021030"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:25
L14	0	(carrier adj (oligonucleotide )) same (homologous adj recombination)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:08
L15	24	(carrier adj (oligonucleotide )) and (homologous adj recombination)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:10
L16	18	L15 and @ad<="20021030"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:08
L17	12	(carrier adj (oligonucleotide )) and ((homologous adj recombination)and transformation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:11
L18	171	((PGK adj promoter) or (phosphoglycerate adj kinase adj promoter) or (RSv adj promoter) or (Rous adj sarcoma adj virus adj promoter)) and (weak adj promoter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:50
L19	108	L18 and @ad<="20021030"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:30

## EAST Search History

L20	45	L19 and (gene adj target)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:25
L21	63	L19 and (gene adj target\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:27
L22	31	L19 and (negative adj (selection or selectable))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:28
L23	0	L19 and ((somatic adj cell) with (gene adj target\$))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:28
L24	19	L22 and (homologous adj recombination)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:29
L25	30	L22 and ((negative adj (selection or selectable)) and (positive adj (selection or selectable)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:30
L26	18	L25 and (homologous adj recombination)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:37
L27	9	((PGK adj promoter) or (phosphoglycerate adj kinase adj promoter) or (RSv adj promoter) or (Rous adj sarcoma adj virus adj promoter)) same (weak adj promoter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:48
L28	1	L27 and ((negative adj (selection or selectable)) and (positive adj (selection or selectable)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:37

## EAST Search History

L29	0	L28 and @ad<="20021030"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:37
L30	61	((PGK adj promoter) or (phosphoglycerate adj kinase adj promoter)) and (weak adj promoter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:38
L31	2	L30 and ((negative adj (selection or selectable)) and (positive adj (selection or selectable)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:38
L32	2	L31 and (homologous adj recombination)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:38
L33	0	L32 and @ad<="20021030"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:38
L34	401	((PGK adj promoter) or (phosphoglycerate adj kinase adj promoter)) and ((negative adj (selection or selectable)) and (positive adj (selection or selectable)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:39
L35	371	L34 and (homologous adj recombination)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:39
L36	238	L35 and @ad<="20021030"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:48
L37	360	((PGK adj promoter) or (phosphoglycerate adj kinase adj promoter)) and ((negative adj (selection or selectable)) same (positive adj (selection or selectable)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:39

## EAST Search History

L38	43	((PGK adj promoter) or (phosphoglycerate adj kinase adj promoter)) same((negative adj selection or selectable)) same (positive adj (selection or selectable)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:39
L39	40	L38 and (homologous adj recombination)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:39
L40	30	L39 and @ad<="20021030"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:39
L41	4	((Positive adj selection adj marker) or (neomycin or neo) and (polyadenylation or polyA)) and ((expression adj cassette) near ((Negative adj selection adj marker) or (diphtheria adj toxin) or (DT-A) or (HSv adj thymidine adj kinase)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:47
L42	3	((PGK adj promoter) or (phosphoglycerate adj kinase adj promoter) or (RSv adj promoter) or (Rous adj sarcoma adj virus adj promoter)) and L41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:48
L43	1	L42 and @ad<="20021030"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:50
L44	1	promoterless adj gene adj targeting adj construct	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:49
L45	4	positive adj negative adj selection adj construct	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:49
L46	2	L45 and @ad<="20021030"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:50

## EAST Search History

L47	0	((PGK adj promoter) or (phosphoglycerate adj kinase adj promoter) or (RSv adj promoter) or (Rous adj sarcoma adj virus adj promoter)) and L46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:50
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? d s

Set	Items	Description
S1	7	S ((PGK (W) PROMOTER) OR (PHOSPHOGLYCERATE (W) KINASE (W) PROMOTER) OR (RSV (W) PROMOTER) OR (ROUS (W) SARCOMA (W) VIRUS (W) PROMOTER)) AND (WEAK (W) PROMOTER)
S2	2	RD (unique items)
S3	1	S S2 AND (HOMOLOGOUS (W) RECOMBINATION)
S4	87	S ((PGK (W) PROMOTER) OR (PHOSPHOGLYCERATE (W) KINASE (W) PROMOTER) OR (RSV (W) PROMOTER) OR (ROUS (W) SARCOMA (W) VIRUS (W) PROMOTER)) AND (HOMOLOGOUS (W) RECOMBINATION)
S5	4	S S4 AND ((NEGATIVE (W) (SELECTION OR SELECTABLE)) AND (POSITIVE (W) (SELECTION OR SELECTABLE)))
S6	4	RD (unique items)
S7	5	S PROMOTERLESS (W) GENE (W) TARGETING (W) CONSTRUCT
S8	2	RD (unique items)
S9	0	S (POSITIVE (W) NEGATIVE (W) SELECTION (W) CONSTRUCT )
S10	0	S (POSITIVE (2N) NEGATIVE (W) SELECTION (W) CONSTRUCT )
S11	36	S (CARRIER (S) (OLIGONUCLEOTIDE )) AND (HOMOLOGOUS (W) RECOMBINATION)
S12	36	RD (unique items)
S13	0	S S12 AND ((NEGATIVE (W) (SELECTION OR SELECTABLE)) AND (POSITIVE (W) (SELECTION OR SELECTABLE)))
S14	2	S S12 AND (GENE (W) TARGETING)
S15	2	RD (unique items)
S16	1	S SOMATIC (W) CELL (W) GENE (W) TARGETING (W) VECTOR

?

[File 185] **Zoological Record Online(R)** 1978-2006/Oct  
(c) 2006 The Thomson Corp. All rights reserved.

[File 357] **Derwent Biotech Res.** 1982-2006/Sep W3  
(c) 2006 The Thomson Corp. All rights reserved.

[File 369] **New Scientist** 1994-2006/Aug W1  
(c) 2006 Reed Business Information Ltd. All rights reserved.

[File 370] **Science** 1996-1999/Jul W3  
(c) 1999 AAAS. All rights reserved.

*\*File 370: This file is closed (no updates). Use File 47 for more current information.*

[File 391] **Beilstein Reactions** 2006/Q3  
(c) 2006 Beilstein GmbH. All rights reserved.

[File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec  
(c) 2006 The Thomson Corp. All rights reserved.

[File 467] **ExtraMED(tm)** 2000/Dec  
(c) 2001 Informania Ltd. All rights reserved.

? s ((PGK (w) promoter) or (phosphoglycerate (w) kinase (w) promoter) or (RSv (w) promoter) or (Rous (w) sarcoma (w) virus (w) promoter)) and (weak (w) promoter)  
Processing

6715	PGK
812095	PROMOTER
710	PGK (W) PROMOTER
19284	PHOSPHOGLYCERATE
1610854	KINASE
812095	PROMOTER
456	PHOSPHOGLYCERATE (W) KINASE (W) PROMOTER
28687	RSV
812095	PROMOTER
683	RSV (W) PROMOTER
27153	ROUS
323423	SARCOMA
3073983	VIRUS
812095	PROMOTER
759	ROUS (W) SARCOMA (W) VIRUS (W) PROMOTER
626321	WEAK
812095	PROMOTER
854	WEAK (W) PROMOTER

S1 7 S ((PGK (W) PROMOTER) OR (PHOSPHOGLYCERATE (W) KINASE (W) PROMOTER) OR (RSV (W) PROMOTER) OR (ROUS (W) SARCOMA (W) VIRUS (W) PROMOTER)) AND (WEAK (W) PROMOTER)

? rd

>>>W: Duplicate detection is not supported for File 391.

Records from unsupported files will be retained in the RD set.

S2 2 RD (UNIQUE ITEMS)



? t s2/medium/all

2/3/1 (Item 1 from file: 5) [Links](#)

Fulltext available through: [Ex Libris](#) [ScienceDirect \(Elsevier\)](#) [USPTO Full Text Retrieval Options](#)  
[SCIENCEDIRECT](#)

Biosis Previews(R)

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0011211588 Biosis No.: 199800005835

**Transfection of human endothelial cells**

**Author:** Tanner Felix C; Carr Dianne P; Nabel Gary J; Nabel Elizabeth G (Reprint)

**Author Address:** Dep. Intern. Med., Univ. Michigan, 1150 W. Medical Center Drive, 7220 MSRB III, Ann Arbor, MI 48109-0644, USA\*\*USA

**Journal:** Cardiovascular Research 35 ( 3 ): p 522-528 Sept., 1997 1997

**Medium:** print

**ISSN:** 0008-6363

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

2/3/2 (Item 1 from file: 357) [Links](#)

Derwent Biotech Res.

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0342290 DBA Accession No.: 2004-14582 PATENT

**New vector for gene targeting and disruption in somatic cells by homologous recombination comprises a gene targeting construct and an expression cassette vector-mediated recombinase gene transfer and expression in host cell for targeted gene disruption**

**Author:** BISHOP G; HOSTAGER B

**Patent Assignee:** UNIV IOWA RES FOUND; BISHOP G; HOSTAGER B 2004

**Patent Number:** WO 200442007 **Patent Date:** 20040521 **WPI Accession No.:** 2004-400662 ( 200437 )

**Priority Application Number:** US 422674 **Application Date:** 20021030

**National Application Number:** WO 2003US33872 **Application Date:** 20031027

**Language:** English

? s s2 L22 and (homologous (w)recombination)  
>>>W: Term "L22" in invalid position  
>>>E: There is no result

? s s2 and (homologous (w)recombination)  
2 S2  
537193 HOMOLOGOUS  
396834 RECOMBINATION  
57071 HOMOLOGOUS (W) RECOMBINATION  
S3 1 S S2 AND (HOMOLOGOUS (W) RECOMBINATION)

? t s3/free  
3/8/1 (Item 1 from file: 357) [Links](#)

0342290 DBA Accession No.: 2004-14582

**New vector for gene targeting and disruption in somatic cells by homologous recombination comprises a gene targeting construct and an expression cassette vector-mediated recombinase gene transfer and expression in host cell for targeted gene disruption 2004**

? s ((PGK (W) PROMOTER) OR (PHOSPHOGLYCERATE (W) KINASE (W) PROMOTER) OR (RSV (W) PROMOTER) OR (ROUS (W) SARCOMA (W) VIRUS (W) PROMOTER)) AND (HOMOLOGOUS (W) RECOMBINATION)

Processing

6715	PGK
812095	PROMOTER
710	PGK (W) PROMOTER
19284	PHOSPHOGLYCERATE
1610854	KINASE
812095	PROMOTER
456	PHOSPHOGLYCERATE (W) KINASE (W) PROMOTER
28687	RSV
812095	PROMOTER
683	RSV (W) PROMOTER
27153	ROUS
323423	SARCOMA
3073983	VIRUS
812095	PROMOTER
759	ROUS (W) SARCOMA (W) VIRUS (W) PROMOTER
537193	HOMOLOGOUS
396834	RECOMBINATION
57071	HOMOLOGOUS (W) RECOMBINATION

S4 87 S ((PGK (W) PROMOTER) OR (PHOSPHOGLYCERATE (W) KINASE (W) PROMOTER) OR (RSV (W) PROMOTER) OR (ROUS (W) SARCOMA (W) VIRUS (W) PROMOTER)) AND (HOMOLOGOUS (W) RECOMBINATION)

? s s4 and ((negative(w)(selection or selectable)) and (positive (w) (selection or selectable)))

Processing

87	S4
3034691	NEGATIVE
1536015	SELECTION
31550	SELECTABLE
17706	NEGATIVE (W) (SELECTION OR SELECTABLE)
3789176	POSITIVE
1536015	SELECTION
31550	SELECTABLE
25184	POSITIVE (W) (SELECTION OR SELECTABLE)

S5 4 S S4 AND ((NEGATIVE (W) (SELECTION OR SELECTABLE)) AND (POSITIVE (W) (SELECTION OR SELECTABLE)))

? rd

>>>W: Duplicate detection is not supported for File 391.

Records from unsupported files will be retained in the RD set.

S6 4 RD (UNIQUE ITEMS)

? t s6/medium/all

6/3/1 (Item 1 from file: 357) [Links](#)

Derwent Biotech Res.

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0390806 DBA Accession No.: 2006-04302 PATENT

**Generating transgenic eukaryotic cells having an ubiquitous locus modified by an expression cassette comprising a short hairpin RNA construct, comprises recombinase mediated cassette exchange transgenic cell generation via plasmid expression in host cell for use transgenic animal model and genomics**

**Author:** SEIBLER J; SCHWENK F; KERN H

**Patent Assignee:** ARTEMIS PHARM GMBH 2006

**Patent Number:** EP 1614755 **Patent Date:** 20060111 **WPI Accession No.:** 2006-070924 ( 200608 )  
**Priority Application Number:** EP 2004103229 **Application Date:** 20040707  
**National Application Number:** EP 2004103229 **Application Date:** 20040707  
**Language:** English

6/3/2 (Item 2 from file: 357) [Links](#)

Derwent Biotech Res.

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0353061 DBA Accession No.: 2004-25353 PATENT

**New non-human mammal comprising a defective epiregulin gene in a chromosome, useful for evaluating the effect of an agent on an immune disease e.g. atopic dermatitis, inflammatory enteritis or arthritis transgenic animal model construction via plasmid expression in host cell for use in disease therapy**

**Patent Assignee: SANKYO CO LTD; SASATSUKI T; SHIRASAWA H 2004**

**Patent Number: JP 2004290038 Patent Date: 20041021 WPI Accession No.: 2004-740706 ( 200473 )**

**Priority Application Number: JP 200384650 Application Date: 20030326**

**National Application Number: JP 200384650 Application Date: 20030326**

**Language: Japanese**

6/3/3 (Item 3 from file: 357) [Links](#)

Derwent Biotech Res.

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0342290 DBA Accession No.: 2004-14582 PATENT

**New vector for gene targeting and disruption in somatic cells by homologous recombination comprises a gene targeting construct and an expression cassette vector-mediated recombinase gene transfer and expression in host cell for targeted gene disruption**

**Author:** BISHOP G; HOSTAGER B

**Patent Assignee:** UNIV IOWA RES FOUND; BISHOP G; HOSTAGER B 2004

**Patent Number:** WO 200442007 **Patent Date:** 20040521 **WPI Accession No.:** 2004-400662 ( 200437 )

**Priority Application Number:** US 422674 **Application Date:** 20021030

**National Application Number:** WO 2003US33872 **Application Date:** 20031027

**Language:** English

6/3/4 (Item 4 from file: 357) [Links](#)

Derwent Biotech Res.

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0325823 DBA Accession No.: 2003-26964 PATENT

**Gene targeting construct comprising transgene encoding a polypeptide having a rod outer segment targeting signal useful for screening ligands or in preparation of pharmaceuticals vector-mediated gene transfer and expression in host cell for recombinant protein production and drug screening**

**Author:** PALCZEWSKI K; LI N; BALLESTEROS J

**Patent Assignee:** PALCZEWSKI K; LI N; BALLESTEROS J 2003

**Patent Number:** US 20030097670 **Patent Date:** 20030522 **WPI Accession No.:** 2003-765532 ( 200372 )

**Priority Application Number:** US 990185 **Application Date:** 20011121

**National Application Number:** US 990185 **Application Date:** 20011121

**Language:** English



```

? s promoterless (w) gene (w) targeting (w) construct
Processing
      5782    PROMOTERLESS
      6301590  GENE
      392488   TARGETING
      369406   CONSTRUCT
S7          5    S PROMOTERLESS (W) GENE (W) TARGETING (W) CONSTRUCT

? rd
>>>W: Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S8          2    RD (UNIQUE ITEMS)

? s (positive (w) negative (w) selection (w) construct )
      3789176  POSITIVE
      3034691  NEGATIVE
      1536015  SELECTION
      369406   CONSTRUCT
S9          0    S (POSITIVE (W) NEGATIVE (W) SELECTION (W) CONSTRUCT )

? S (POSITIVE (2n) NEGATIVE (W) SELECTION (W) CONSTRUCT )
      3789176  POSITIVE
      3034691  NEGATIVE
      1536015  SELECTION
      369406   CONSTRUCT
S10         0    S (POSITIVE (2N) NEGATIVE (W) SELECTION (W) CONSTRUCT )

? s (carrier (s) (oligonucleotide )) and (homologous (w) recombination)
      627105   CARRIER
      267494   OLIGONUCLEOTIDE
      4356     CARRIER(S)OLIGONUCLEOTIDE
      537193   HOMOLOGOUS
      396834   RECOMBINATION
      57071    HOMOLOGOUS(W)RECOMBINATION
S11         36    S (CARRIER (S) (OLIGONUCLEOTIDE )) AND (HOMOLOGOUS (W) RECOMBINATION)

? rd
>>>W: Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S12         36    RD (UNIQUE ITEMS)

? s s12 and ((negative(w)(selection or selectable)) and (positive (w) (selection or
selectable)))
Processing
      36       S12
      3034691  NEGATIVE
      1536015  SELECTION
      31550    SELECTABLE
      17706    NEGATIVE(W) (SELECTION OR SELECTABLE)
      3789176  POSITIVE
      1536015  SELECTION
      31550    SELECTABLE
      25184    POSITIVE(W) (SELECTION OR SELECTABLE)
S13          0    S S12 AND ((NEGATIVE(W) (SELECTION OR SELECTABLE)) AND (POSITIVE (W)
(SELECTION OR SELECTABLE)))

? s s12 and (gene (w) targeting)
Processing
      36       S12
      6301590  GENE

```

392488 TARGETING  
60712 GENE(W)TARGETING  
S14 2 S S12 AND (GENE (W) TARGETING)

? rd

>>>W: Duplicate detection is not supported for File 391.  
Records from unsupported files will be retained in the RD set.  
S15 2 RD (UNIQUE ITEMS)

? t s15/medium/all

15/3/1 (Item 1 from file: 34) [Links](#)

Fulltext available through: [Ex Libris](#) [John Wiley and Sons](#) [USPTO Full Text Retrieval Options](#)  
[SCIENCEDIRECT](#)

SciSearch(R) Cited Ref Sci

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02091065 **Genuine Article#:** KA250 **No. References:** 28

**PARAMETERS AFFECTING THE FREQUENCIES OF TRANSFORMATION AND  
COTRANSFORMATION WITH SYNTHETIC OLIGONUCLEOTIDES IN YEAST**

**Author:** YAMAMOTO T; MOERSCHELL RP; WAKEM LP; FERGUSON D; SHERMAN F

**Corporate Source:** UNIV ROCHESTER,SCH MED & DENT,DEPT BIOCHEM/ROCHESTER//NY/14642;  
UNIV ROCHESTER,SCH MED & DENT,DEPT BIOCHEM/ROCHESTER//NY/14642; UNIV  
ROCHESTER,SCH MED & DENT,DEPT BIOPHYS/ROCHESTER//NY/14642

**Journal:** YEAST , 1992 , V 8 , N11 ( NOV ) , P 935-948

**ISSN:** 0749-503X

**Language:** ENGLISH **Document Type:** ARTICLE ( Abstract Available )

15/3/2 (Item 1 from file: 357) [Links](#)

Derwent Biotech Res.

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0360282 DBA Accession No.: 2005-05986 PATENT

**Stimulating homologous recombination, useful in identifying targeted clones, by creating a nick in a targeted polynucleotide sequence homologous recombination stimulation for targeted clone identification and target DNA nicking**

**Author:** ROTH D S; LEE G S

**Patent Assignee:** UNIV NEW YORK STATE 2005

**Patent Number:** WO 200507823 **Patent Date:** 20050127 **WPI Accession No.:** 2005-102092 ( 200511 )

**Priority Application Number:** US 558326 **Application Date:** 20040331

**National Application Number:** WO 2004US21921 **Application Date:** 20040709

**Language:** English

? s somatic (w) cell (w) gene (w)targeting (w) vector

Processing

Processing

362373	SOMATIC
14395193	CELL
6301590	GENE
392488	TARGETING
901153	VECTOR

S16 1 S SOMATIC (W) CELL (W) GENE (W)TARGETING (W) VECTOR

? t s16/free

16/8/1 (Item 1 from file: 357) [Links](#)

0342290 DBA Accession No.: 2004-14582

**New vector for gene targeting and disruption in somatic cells by homologous recombination comprises a gene targeting construct and an expression cassette vector-mediated recombinase gene transfer and expression in host cell for targeted gene disruption 2004**